



Section C

Advanced Reactors Transition

PROJECT MANAGERS

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INTRODUCTION

The Advanced Reactor Transition (ART) Program, PBS RL-RC03, Work Breakdown Structure (WBS) 3.1.3, consists of the Nuclear Energy (NE) Legacies and the 309 Building/Plutonium Recycle Test Reactor (PRTR) activities.

NOTE: Cost/Schedule data contained herein is as of December 31, 2001. All other information is as of January 21, 2002 unless otherwise noted.

NOTABLE ACCOMPLISHMENTS

309 Facility Deactivation – 1) An inspection report on the dome coating was received stating that the coating is 99% good with respect to being waterproof. This report is currently being evaluated. 2) The PRTR exhaust stack fans have been permanently shut down. The Environmental Compliance Officer must still issue documentation to WDOH per WAC 246-247-080(6).

NE Legacies Deactivation – 1) Good progress continued on dismantling the 337B building sodium system. The CRCTA vessel inspection was completed. Very little sodium was found on in-vessel surfaces. A small sodium pool was at the bottom of vessel, as expected. 2) Considerable sodium and NaK piping has been removed from loop configuration and is being prepared for shipment. Work continues on accelerating removal and shipment of the cold trap.

BREAKTHROUGHS / OPPORTUNITIES FOR IMPROVEMENT

No breakthroughs or opportunities for improvement are identified at this time.

UPCOMING ACTIVITIES

Shutdown the 309 Building – To minimize Surveillance and Maintenance (S&M) costs while aligning with the 300 Area Accelerated Closure Plan, 1) the office wing roofs will be repaired, and 2) the building will be secured to minimize intrusion, pending resumption of deactivation activities in 2009.

NE Legacies Deactivation – Continue to dismantle small diameter piping and package for offsite shipment. Place a contract for cleaning sodium residue from 3718-M and CRCTA tanks.

MILESTONE ACHIEVEMENT FH Contract Milestones

There are no ART Milestones.

PERFORMANCE OBJECTIVES

Nothing to report at this time.

FY 2002 SCHEDULE / COST PERFORMANCE – ALL FUND TYPES FY TO DATE STATUS – (\$000)

		FYTD									
By PBS		BCWS	BCWP	ACWP	SV	%	CV	%	BAC	EAC	
PBS RL-RC03	Advanced Reactors Transition										
WBS 3.1.3.1	NE Legacy Facilities Transition	\$ 250	\$ 250	\$ 172	\$ 0	0%	\$ 78	31%	\$ 1,080	\$ 1,080	
WBS 3.1.3.2	PRTR/309 Building Transition	\$ 50	\$ 97	\$ 51	47	93%	46	47%	\$ 217	\$ 349	
WBS 3.1.3.3	ART Project Management	\$ 49	\$ 49	\$ 34	\$ 0	0%	\$ 15	30%	\$ 188	\$ 188	
Total		\$ 349	\$ 396	\$ 257	\$ 47	13%	\$ 139	35%	\$ 1,486	\$ 1,617	

FY TO DATE SCHEDULE / COST PERFORMANCE

The \$0.05 million (13 percent) favorable schedule variance was due to good progress this fiscal year on the 309 Building transition to shutdown activities including roof repairs.

The \$0.14 million (35 percent) favorable cost variance is primarily due to good progress in the NE Legacies sodium loop deactivation work and 309 Building transition to shutdown activities.

For all active sub-PBSs and TTPs associated with the Operations/Field Office, FYTD Cost and Schedule variances exceeding + / - 10 percent or one million dollars require submission of narratives to explain the variance.

Schedule Variance Analysis: (\$0.05M)

Advanced Reactor Transition — 3.1.3/RC03

Description/Cause: The positive schedule variance is primarily due to good progress this fiscal year on the 309 Building transition to shutdown activities including roof repairs.

Impact: There is no significant project impact at this time.

Corrective Action: None required.

Cost Variance Analysis: (\$0.1M)

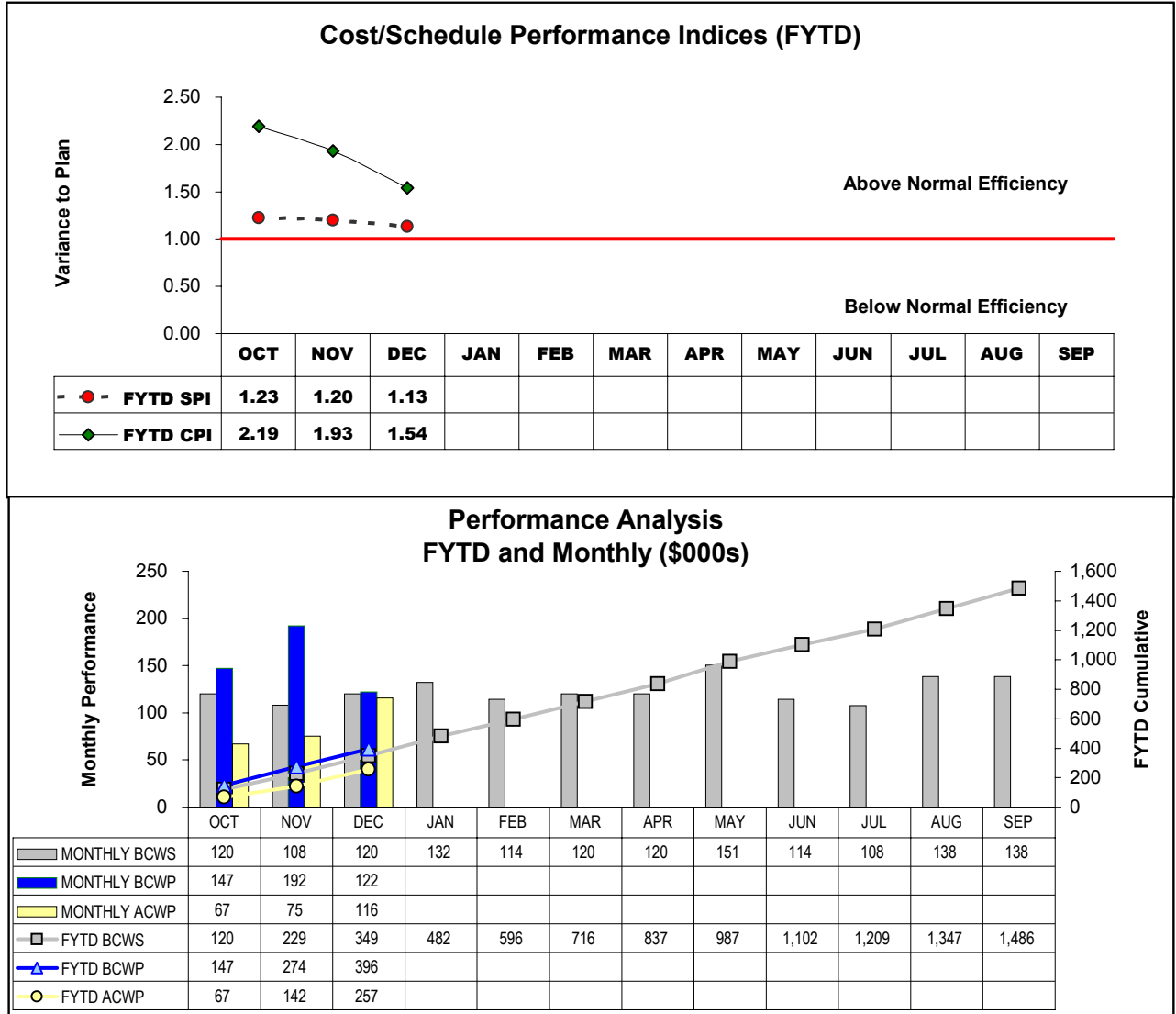
Advanced Reactor Transition — 3.1.3/RC03

Description/Cause: The positive cost variance is primarily due to good progress in the NE Legacies sodium loop deactivation work and 309 Building transition to shutdown activities.

Impact: There is no significant project impact at this time.

Corrective Action: None required.

COST / SCHEDULE PERFORMANCE (MONTHLY AND FYTD)



FUNDS MANAGEMENT

FYTD FUNDS VS SPENDING FORECAST (\$000)

	Expected Funds	FYSF	FH Reallocation	Funds Variance (Expected vs. Reallocation)
3.1.3 Advanced Reactor Transition				
RC03 - EM (Other Funding)	\$ 2,285	\$ 1,617	\$ 2,285	\$ -
Total	\$ 2,285	\$ 1,617	\$ 2,285	\$ -

[Status through December 2001]

NOTES: FH reallocation reflects an FYSF adjusted for scope deletions, deferrals, and identified savings to address funding shortfalls, additional unplanned scope, and cost increases.

ISSUES

Technical, Regulatory, External, and DOE Issues and DOE Requests

Issue: Nothing to report at this time.

Impacts: None.

Corrective Action: None at this time.

BASLINE CHANGE REQUESTS CURRENTLY IN PROCESS

None to report.